

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	: CP-2018-03-29-09	Date: 02-04-18
Customer	: Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.	
Address	: T.Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	: Providing and Fixing Street Name Boards in Bagalagunte T.Dasarahalli Sub Division.	
Agency	: KRIDL, Bangalore.	
Customer's Reference	: EE/DD/WO/377/17-18	
Source of Sample	: Sample supplied by Agency	
Sample condition	: Satisfactory	
Date of Receipt	: 29-03-18	
Sample ID No	: 2018-03-29-09 /02(a)	
Sample Type	: 40mm down size coarse aggregate	
Reference to BIS codes	: IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption IS 2386 Part 4: Mechanical Properties	
Date of test	: 29-03-18	

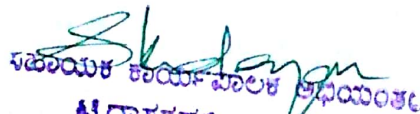
SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000

grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	385	385	2.6	97.4	90-100
3	20 mm	7048	7433	49.6	50.4	30-70
4	10 mm	4396	11829	78.9	21.1	10-35
5	4.75 mm	2845	14674	97.8	2.2	0-5
6	Pan	326	15000	100.0	0	---

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 ಶ್ರೀಧರ ಕೆ.ಎಸ್.ಪಾಟೀಲ
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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
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PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	13.7	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.9	
3	Specific Gravity	2.64	—
4	Bulk Density(Loose) (Kg/l)	1.42	—
5	Bulk Density(Compacted) (Kg/l)	1.48	—
6	Water Absorption(%)	0.23	—

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.



R. K. Rechan
R. KARTHIK RECHAN
Authorized Signatory
Quality Manager

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****End of Report****

Sh. Dayan
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